

Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number: 559442000600

Application Number: 09/409,305

Applicant

Craig D. ULLMAN et al.

Filing Date: September 29, 1999

Group Art Unit: 2141

Mailing Date: December 1, 2004

## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	2/25/1986	4,572,509	SITRICK			
	2.	6/3/1986	4,592,546	FASCENDA et al.			
	3.	3/29/1988	4,734,764	POCOCK et al.			
	4.	10/31/1989	4,877,408	HARTSFIELD			
	5.	1/16/1990	4,894,789	YEE			
	6.	2/27/1990	4,905,094	POCOCK et al.			
	7.	7/10/1990	4,941,040	POCOCK et al.			
	8.	5/19/1992	5,114,155	TILLERY et al.			
	9.	7/7/1992	5,128,752	VON KOHORN			
	10.	5/4/1993	5,208,659	RHODES			
	11.	9/7/1993	5,243,528	LEFEBVRE			
	12.	11/23/1993	5,264,933	ROSSER et al.			
	13.	1/25/1994	5,282,028	JOHNSON et al.			
	14.	10/4/1994	5,353,283	TSUCHIYA			
	15.	10/25/1994	5,359,510	SABALIAUSKAS			
	16.	8/1/1995	5,438,355	PALMER			
	17.	10/31/1995	5,462,275	LOWE et al.			
	18.	12/26/1995	5,479,268	YOUNG et al.			
	19.	3/12/1996	5,498,000	CUNEO			
	20.	7/23/1996	5,539,471	MYHRVOLD et al.			
	21.	8/6/1996	5,543,849	LONG			
	22.	9/17/1996	5,557,316	HOARTY et al.			
	23.	10/29/1996	5,570,295	ISENBERG et al.			
	24.	11/26/1996	5,579,055	HAMILTON et al.			
	25.	12/17/1996	5,586,257	PERLMAN			
	26.	12/24/1996	5,586,937	MENASHE			
	27.	1/14/1997	5,593,349	MIGUEL et al.			
	28.	2/18/1997	5,604,542	DEDRICK			
	29.	3/11/1997	5,610,653	ABECASSIS			

**RECEIVED**

DEC 06 2004

Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number: 559442000600

Application Number: 09/409,305

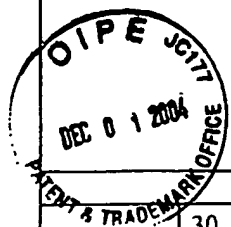
Applicant

Craig D. ULLMAN et al.

Filing Date: September 29, 1999

Group Art Unit: 2141

Mailing Date: December 1, 2004



30.	3/18/1997	5,612,730	LEWIS			
31.	5/6/1997	5,627,978	ALTOM et al.			
32.	5/27/1997	5,633,810	MANDAL et al.			
33.	5/27/1997	5,633,918	MANKOVITZ			
34.	6/10/1997	5,637,844	EIBA			
35.	8/19/1997	5,659,366	KERMAN			
36.	9/16/1997	5,667,708	GLASS et al.			
37.	9/16/1997	5,668,592	SPAULDING II			
38.	10/14/1997	5,677,708	MATTHEWS, III et al.			
39.	10/21/1997	5,679,075	FORREST et al.			
40.	11/11/1997	5,686,954	YOSHINOBU et al.			
41.	11/25/1997	5,691,986	PEARLSTEIN			
42.	12/2/1997	5,694,163	HARRISON			
43.	12/9/1997	5,695,400	FENNELL, JR. et al.			
44.	12/16/1997	5,697,844	VON KOHORN			
45.	1/20/1998	5,710,884	DEDRICK			
46.	3/17/1998	5,729,252	FRASER			
47.	3/24/1998	5,730,654	BROWN			
48.	3/31/1998	5,734,413	LAPPINGTON et al.			
49.	3/31/1998	5,734,437	BACK			
50.	5/5/1998	5,748,731	SHEPHARD			
51.	5/26/1998	5,757,916	MacDORAN et al.			
52.	5/26/1998	5,758,079	LUDWIG et al.			
53.	6/2/1998	5,759,101	VON KOHORN			
54.	6/2/1998	5,761,602	WAGNER et al.			
55.	7/14/1998	5,779,549	WALKER et al.			
56.	7/21/1998	5,782,692	STELOVSKY			
57.	8/11/1998	5,793,365	TANG et al.			
58.	8/18/1998	5,796,952	DAVIS et al.			
59.	9/1/1998	5,801,750	KURIHARA			
60.	9/22/1998	5,813,006	POLNEROW et al.			
61.	10/20/1998	5,823,879	GOLDBERG et al.			

**RECEIVED****DEC 06 2004**

Form PTO-1449

Docket Number: 559442000600

Application Number: 09/409.305

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

Applicant

Craig D. ULLMAN et al.

Filing Date: September 29, 1999

Group Art Unit: 2141

Mailing Date: December 1, 2004

(Use several sheets if necessary)

62.	12/8/1998	5,846,132	JUNKIN
63.	12/8/1998	5,848,373	DELORME et al.
64.	1/5/1999	5,855,516	EIBA
65.	2/2/1999	5,867,208	MCLAREN
66.	3/2/1999	5,878,222	HARRISON
67.	3/9/1999	5,880,720	IWAFUNE et al.
68.	3/30/1999	5,889,950	KUZMA
69.	3/30/1999	5,889,951	LOMBARDI
70.	4/6/1999	5,890,906	MACRI et al.
71.	4/6/1999	5,890,963	YEN
72.	4/13/1999	5,894,556	GRIMM et al.
73.	8/17/1999	5,940,595	REBER et al.
74.	5/18/1999	5,905,865	PALMER et al.
75.	5/25/1999	5,907,322	KELLY et al.
76.	5/25/1999	5,907,680	NIELSEN
77.	6/15/1999	5,912,700	HONEY et al.
78.	6/29/1999	5,917,725	THACHER et al.
79.	7/20/1999	5,926,179	MATSUDA et al.
80.	7/27/1999	5,929,849	RIKINIS
81.	7/27/1999	5,929,850	BROADWIN et al.
82.	8/17/1999	5,940,082	BRINEGAR et al.
83.	8/24/1999	5,941,774	TAKEMOTO et al.
84.	9/7/1999	5,947,747	WALKER et al.
85.	9/7/1999	5,948,040	DELORME et al.
86.	9/14/1999	5,951,636	ZERBER
87.	9/21/1999	5,954,798	SHELTON et al.
88.	9/21/1999	5,956,038	REKIMOTO
89.	10/5/1999	5,961,603	KUNKEL et al.
90.	10/26/1999	5,973,685	SCHAFFA et al.
91.	11/2/1999	5,978,833	PASHLEY et al.
92.	11/16/1999	5,987,454	HOBBS
93.	11/16/1999	5,987,523	HIND et al.

**RECEIVED**

DEC 06 2004

Technology Center 2100

Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number: 559442000600

Application Number: 09/409.305

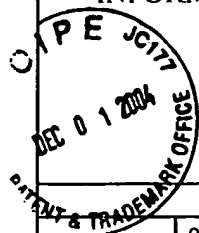
Applicant

Craig D. ULLMAN et al.

Filing Date: September 29, 1999

Group Art Unit: 2141

Mailing Date: December 1, 2004



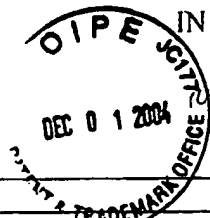
94.	12/21/1999	6,005,561	HAWKINS et al.
95.	12/28/1999	6,009,458	HAWKINS et al.
96.	1/25/2000	6,018,768	ULLMAN et al.
97.	2/8/2000	6,023,729	SAMUEL et al.
98.	2/15/2000	6,026,375	HALL et al.
99.	2/22/2000	6,029,045	PICCO et al.
100.	2/22/2000	6,029,195	HERZ
101.	3/28/2000	6,044,403	GERSZBERG et al.
102.	4/4/2000	6,047,235	HIYOKAWA et al.
103.	4/25/2000	6,055,569	O'BRIEN et al.
104.	5/2/2000	6,057,856	MIYASHITA et al.
105.	5/9/2000	6,061,738	OSAKU et al.
106.	6/13/2000	6,075,527	ICHIHASHI et al.
107.	6/27/2000	6,080,063	KHOSLA
108.	6/27/2000	6,081,830	SCHINDLER
109.	7/4/2000	6,082,887	FEUER et al.
110.	7/25/2000	6,094,677	CAPEK et al.
111.	8/1/2000	6,098,085	BLONDER et al.
112.	8/8/2000	6,101,180	DONAHUE et al.
113.	8/15/2000	6,102,797	KAIL
114.	8/22/2000	6,108,703	LEIGHTON et al.
115.	9/19/2000	6,122,658	CHADDHA
116.	10/3/2000	6,126,547	ISHIMOTO et al.
117.	10/3/2000	6,128,482	NIXON et al.
118.	10/10/2000	6,131,120	REID
119.	10/24/2000	6,138,144	DESIMONE et al.
120.	11/7/2000	6,144,848	WALSH et al.
121.	11/7/2000	6,144,991	ENGLAND
122.	11/21/2000	6,151,626	TIMS et al.
123.	12/19/2000	6,163,803	WATANABE
124.	1/30/2001	6,182,072	LEAK et al.
125.	1/30/2001	6,182,116	NAMMA et al.

RECEIVED

DEC 06 2004

Technology Center 2100

Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number: 559442000600

Application Number: 09/409,305

Applicant

Craig D. ULLMAN et al.

Filing Date: September 29, 1999

Group Art Unit: 2141

Mailing Date: December 1, 2004

126.	2/20/2001	6,192,340	ABECASSIS			
127.	2/27/2001	6,193,610	JUNKIN			
128.	3/6/2001	6,199,014	WALKER et al.			
129.	3/6/2001	6,199,045	GINIGER et al.			
130.	3/20/2001	6,204,842	FUJII			
131.	3/20/2001	6,205,582	HOARTY			
132.	6/26/2001	6,253,228	FERRIS et al.			
133.	8/14/2001	6,275,705	DRANE et al.			
134.	8/21/2001	6,278,942	MCDONOUGH			
135.	9/11/2001	6,288,753	DeNICOLA et al.			
136.	9/18/2001	6,292,780	DOEDERLEIN et al.			
137.	10/2/2001	6,297,748	LAPPENBUSCH et al.			
138.	11/13/2001	6,317,791	COHN et al.			
139.	11/13/2001	6,317,780	COHN et al.			
140.	12/4/2001	6,326,982	WU et al.			
141.	3/12/2002	6,353,933	LOVE			
142.	4/2/2002	6,366,914	STERN			
143.	5/28/2002	6,397,220	DEISINGER et al.			
144.	6/25/2002	6,412,011	AGRAHARAM et al.			
145.	8/27/2002	6,442,598	WRIGHT et al.			
146.	8/27/2002	6,442,687	SAVAGE			
147.	10/1/2002	6,460,180	PARK et al.			
148.	10/8/2002	6,463,585	HENDRICKS et al.			
149.	11/26/2002	6,486,892	STERN			
150.	2/28/2003	6,526,041	SHAFFER et al.			
151.	6/10/2003	6,577,716	MINTER et al.			
152.	8/26/2003	6,611,872	McCANNE			
153.	9/23/2003	6,625,624	CHEN et al.			
154.	11/4/2003	6,643,691	AUSTIN			
155.	12/9/2003	6,661,372	GIRERD et al.			
156.	4/20/2004	6,725,159	KRASNER			
157.	5/9/2002	2002/0056129	BLACKKETTER et al.			

**RECEIVED****DEC 06 2004**

Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number: 559442000600

Application Number: 09/409,305

Applicant

Craig D. ULLMAN et al.

Filing Date: September 29, 1999

Group Art Unit: 2141

Mailing Date: December 1, 2004

158.	8/15/2002	2002/0112002	ABATO			
159.	10/24/2002	2002/0156909	HARRINGTON			
160.	12/12/2002	2002/0188943	FREEMAN et al.			
161.	4/29/1997	RE 35,498	BARNARD			
162.	1/7/2003	RE 37,957	GARFIELD			

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
	163.	7/6/2000	AU 717399	Australia			X
	164.	12/4/1985	EP 0 163 577	Europe			X
	165.	11/5/1997	EP 0 805 598	Europe			X
	166.	4/22/1998	EP 0 837 609	Europe			X
	167.	5/10/2000	EP 0 982 943	Europe			X
	168.	11/25/1998	GB 2 325 537	United Kingdom			X
	169.	2/3/1999	GB 2 327 837	United Kingdom			X
	170.	11/22/2000	GB 2 350 213	United Kingdom			X
	171.	8/29/2001	GB 2 359 708	United Kingdom			X
	172.	9/5/2001	GB 2 359 958	United Kingdom			X
	173.	4/28/1992	JP 4-127688	Japan			abstract
	174.	10/31/1995	JP 7-288606	Japan			abstract
	175.	11/21/1995	JP 7-307813	Japan			abstract
	176.	1/12/1996	JP 8-8860	Japan			abstract
	177.	3/16/2000	WO 00/14987	PCT			X
	178.	6/22/2000	WO 00/36836	PCT			X
	179.	7/27/2000	WO 00/43892	PCT			X
	180.	7/27/2000	WO 00/43899	PCT			X
	181.	12/21/00	WO 00/77664	PCT			X
	182.	8/22/2002	WO 02/065252	PCT			X
	183.	8/22/2002	WO 02/065318	PCT			X
	184.	4/1/1993	WO 93/06675	PCT			X
	185.	3/21/1996	WO 96/08923	PCT			X
	186.	8/14/1997	WO 97/29591	PCT			X

RECEIVED

DEC 06 2004

Technology Center 2100

Form PTO-1449 <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <i>(Use several sheets if necessary)</i>				Docket Number: 559442000600		Application Number: 09/409,305	
				Applicant <div style="text-align: center;">Craig D. ULLMAN et al.</div>			
				Filing Date: September 29, 1999		Group Art Unit: 2141	
				Mailing Date: December 1, 2004			


	188.	9/12/1997	WO 97/33434	PCT			X
	188.	9/10/1999	WO 99/45726	PCT			X
	189.	10/7/1999	WO 99/50778	PCT			X

OTHER DOCUMENTS <i>(including author, title, Date, Pertinent Pages, Etc.)</i>		
Examiner Initials	Ref No.	Title
	190.	Eitz, "Combiners for Videotext Signals" Broadcast Technology Reports, translation of vol. 28, no. 6, November 1984, pages 273-289, XP002182048, Norderstedt, Germany
	191.	"Advanced Television Enhancement Forum Specification (ATVEF)", Comment Draft Version 1.0r1, 2/25/99, XP002142688
	192.	Dale Cripps, "Web TV over Digital Cable," May 4, 1998; <a href="http://webstar.com/hdtvnews/webtvoverdigitalcable.html">http://webstar.com/hdtvnews/webtvoverdigitalcable.html</a> ; pp. 1-4
	193.	Dale Cripps, "Internet TV Advertising," May 8, 1998; <a href="http://webstar.com/hdtvnews/internettvadvertising.html">http://webstar.com/hdtvnews/internettvadvertising.html</a> ; pp. 1-3
	194.	Dale Cripps, "Gates, TV, Interactivity," May 5, 1998; pp. 1-4; <a href="http://webstar.com/hdtvnews/gatestvinteractivity.html">http://webstar.com/hdtvnews/gatestvinteractivity.html</a>
	195.	"ICTV" Brochure (a reproduced copy provided); copyright 1988 by ICTV; 27 pages
	196.	"TV Navigator" brochure; copyright 1997 by Network Computer, Inc.; 6 pages
	197.	"Worldgate" brochure; copyright 1998 by Worldgate Communications; 12 pages
	198.	Per Einar Dybvik and Hakon W. Lie, "Combining WWW/Mosaic with Realtime Multimedia Conferencing in Distance Education," The Second International WWW Conference '94, Mosaic and the Web, Advance Proceedings, Vol. 1, October 17-20, 1994 at 423
	199.	Tak K. Woo et al., "A Synchronous Collaboration Tool for the World-Wide Web," the Second International WWW Conference '94, Mosaic and the Web, Advance Proceedings, Vol. 1, Oct. 17-20, 1994, at 315
	200.	Intercast Industry Group, Press Release, "Leaders in PC, Broadcast and Cable Industries Announce Formation of Industry Group to Promote New Digital Medium for the Home PC," Business Wire, October 23, 1995
	201.	The Intercast Industry Group, "Frequently Asked Questions," Fall 1996, pp. 1-7
	202.	Vinay Kumar et al., "A Shared Web to Support Design Teams", Third Workshop on Enabling Technologies: Infrastructure for Collaborative Enterprises, Morgantown, West Virginia, April 17-19, 1994 at 178
	203.	Nikkei BP Corp., "InterCast Using Gap Television Signal", Nikkei Electronics, Japan, 18 December 1995, No. 651, p. 106
	204.	Television Society, "Interactive Television Broadcast Using Character Broadcast System, Video Information and Broadcast Technology", 20 November 1995, Vol. 11, p. 1482-1487
	205.	Cline et al., "DirectShow RTP Support for Adaptivity in Networked Multimedia Applications", Multimedia Computing and Systems, 1998, Proceedings, IEEE International Conference June 28-July 1, 1998, pages 13-22

**RECEIVED****DEC 06 2004**

Technology Center 2100

Form PTO-1449		Docket Number: 559442000600	Application Number: 09/409,305										
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <i>(Use several sheets if necessary)</i>		Applicant  Craig D. ULLMAN et al.											
		Filing Date: September 29, 1999	Group Art Unit: 2141										
		Mailing Date: December 1, 2004											
		<table border="1"> <tr> <td>206.</td> <td>Mannos, T.J., "Re: Web page prefetching?" located at &lt;URL:http://dejanews.com&gt; retrieved on October 4, 2002, DEJA News (Online), December 1, 1997</td> </tr> <tr> <td>207.</td> <td>Philippe Le Hegaret, "Document Object Module (DOM)", Architecture Domain, located at www.w3.org/DOM/ retrieved on June 22, 2001, 2 pages</td> </tr> <tr> <td>208.</td> <td>S. Gillich et al., "ATVEF Integration with DVB Using IP/MPE," December 20, 1999, retrieved from www.atvef.com/library/atvef-dub-bindingR8.html on June 8, 2001, 5 pages</td> </tr> <tr> <td>209.</td> <td>J. Steinhorn et al., "Embedded Systems Programming-Enhancing TV with ATVEF," retrieved from www.embedded.com/1999/9910/9910ial.htm on March 28, 2000, 10 pages</td> </tr> <tr> <td>210.</td> <td>"Enhanced Content Specification," ATVEF, 1998, retrieved from www.atvef.com/library/spec1-la.html. on March 28, 2000, 38 pages</td> </tr> </table>		206.	Mannos, T.J., "Re: Web page prefetching?" located at <URL:http://dejanews.com> retrieved on October 4, 2002, DEJA News (Online), December 1, 1997	207.	Philippe Le Hegaret, "Document Object Module (DOM)", Architecture Domain, located at www.w3.org/DOM/ retrieved on June 22, 2001, 2 pages	208.	S. Gillich et al., "ATVEF Integration with DVB Using IP/MPE," December 20, 1999, retrieved from www.atvef.com/library/atvef-dub-bindingR8.html on June 8, 2001, 5 pages	209.	J. Steinhorn et al., "Embedded Systems Programming-Enhancing TV with ATVEF," retrieved from www.embedded.com/1999/9910/9910ial.htm on March 28, 2000, 10 pages	210.	"Enhanced Content Specification," ATVEF, 1998, retrieved from www.atvef.com/library/spec1-la.html. on March 28, 2000, 38 pages
206.	Mannos, T.J., "Re: Web page prefetching?" located at <URL:http://dejanews.com> retrieved on October 4, 2002, DEJA News (Online), December 1, 1997												
207.	Philippe Le Hegaret, "Document Object Module (DOM)", Architecture Domain, located at www.w3.org/DOM/ retrieved on June 22, 2001, 2 pages												
208.	S. Gillich et al., "ATVEF Integration with DVB Using IP/MPE," December 20, 1999, retrieved from www.atvef.com/library/atvef-dub-bindingR8.html on June 8, 2001, 5 pages												
209.	J. Steinhorn et al., "Embedded Systems Programming-Enhancing TV with ATVEF," retrieved from www.embedded.com/1999/9910/9910ial.htm on March 28, 2000, 10 pages												
210.	"Enhanced Content Specification," ATVEF, 1998, retrieved from www.atvef.com/library/spec1-la.html. on March 28, 2000, 38 pages												
EXAMINER:		DATE CONSIDERED:											
EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.													
PTO/SB/ 08 (2-92)		Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE											

**RECEIVED****DEC 06 2004**

Technology Center 2100